

09/770,518

In response to a first Official Action dated March 19, 2002, Applicant submits the following amendments and remarks for consideration by the Examiner and entry of record in the above-identified patent application.

AMENDMENT

IN THE CLAIMS

I. Please cancel claims 5, 10, 15 and 21.

II. Please amend the following claims 1, 6, 11, and 17 as follows:

A1
1. (AMENDED) In an aerosol spray apparatus, for applying an antimicrobial agent to a surface to be disinfected, comprising an aerosol spray nozzle coupled to a first container comprising a gas propellant and second container for containing a liquid disinfectant composition able to be sprayed from the apparatus, said aerosol apparatus being configured for dispensing said disinfectant composition through said spray nozzle, the improvement wherein the liquid disinfectant composition is a liquid flash-dry disinfectant composition comprising 3 to 30% by volume of said antimicrobial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from the apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action.

A2
6. (AMENDED) A liquid flash-dry aerosol disinfectant composition comprising 3 to 30% by volume of said antimicrobial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being

09/770,518

A 2
able, once the flash-dry disinfectant composition is sprayed from the apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action.

A 3
11. (AMENDED) A method for disinfecting a surface comprising applying a liquid flash-dry disinfectant composition as an aerosol spray onto such surface, said liquid flash-dry aerosol disinfectant composition comprising 3 to 30% by volume of said antimicrobial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from the apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action.

A 4
17. (AMENDED) In an aerosol spray apparatus, for applying an antimicrobial agent to a surface to be disinfected, comprising an aerosol spray nozzle coupled to a container comprising a gas propellant, said aerosol apparatus being configured for dispensing a liquid disinfectant composition through said spray nozzle, the improvement wherein said liquid disinfectant composition is a liquid flash-dry disinfectant composition able to be sprayed from said apparatus, said liquid flash-dry aerosol disinfectant composition comprising 3 to 30% by volume of said antimicrobial agent, 10 to 85% by volume of a flash vaporization component and 10 to 65 % by volume of water, said flash vaporization component being able, once the flash-dry disinfectant composition is sprayed from the apparatus, to flash vaporize said flash-dry disinfectant composition thereby providing rapid and effective disinfecting action, wherein said container comprises a first sub-

09/770,518

A 4
container containing said antimicrobial agent and a second sub-container containing said flash vaporization component and wherein said aerosol spray apparatus comprises a mixer for mixing said antimicrobial agent and said flash vaporization component together prior to dispensing said liquid flash-dry disinfectant composition through said spray nozzle.

III. Please add the following new claims:

24. (NEW) An aerosol apparatus as defined in claim 1 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

A 5
25. (NEW) A liquid flash-dry aerosol disinfectant composition as defined in claim 6 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

26. (NEW) A method as defined in claim 11 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

27. (NEW) An aerosol apparatus as defined in claim 17 wherein said flash vaporization component comprises an alkanol of formula ROH wherein R is a group containing 1 to 6 carbon atoms.

REMARKS

Based on the above amendments and following remarks, this application is deemed to be in condition for allowance and action to that end is respectfully requested.